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Social Media

🐦 bellil-mohamed-nadir
in bellil-mohamed-nadir

Skills

Backend Development

JavaEE, Php, Spring boot, Hibernate, Spring Data JPA, Spring Security, Rest, Soap, gRPC, GraphQL, WebSocket, MVC

Mobile Development

Java, XML, Kotlin, Jetpack Compose, RxJava, Coroutines, RoomDB, MVVM

Développement Web

HTML, CSS, JavaScript, TypeScript, Angular

Database

PostgreSQL, Mysql, Oracle, Sqlite, Firebase

Tools & Technologies

Git/Github, Docker, Linux, Eclipse, Android studio, IntelliJ, Visual Studio

Methodologies & Software Quality

Agile, Scrum, JUnit 5, Design Patterns, Algorithms and Data Structures

Languages

- English
- Arabic
- French

Soft Skills

- Problem-solving
- Time management
- Critical thinking and fast learning ability
- Adaptability and teamwork
- Curiosity

Mohamed Nadir BELLIL

As a Master's student pursuing a double degree in Software Engineering and Management at the University of Montpellier, I am seeking an Internship in Software Engineering.

Professional Experience

● Internship in mobile and backend development

De février 2023 à juin 2023 [ATM Mobilis](#) Algiers, AL, Algeria

Development of a full-stack mobile application in **Java** and **Spring Boot** for document and employee management, featuring **real-time chat**, a **tracking system**, and **notification integration**.

Projects

Backend Projects

Reservation Platform with Multiple API Versions for Service Management

- Implements various API versions (SOAP, REST, gRPC, and GraphQL) with Data JPA for managing reservations and services.
- This approach addresses diverse integration needs and optimizes performance based on user-specific requirements.

Secure API for Email and Notification Management

- Built with Spring Security, WebSocket, REST, Data JPA, and Clean Architecture.
- Features Firebase notifications integration and PDF generation.

E-Commerce API for User, Product, and Stock Management

- Developed using Spring Boot, Spring Security, and JWT for security, Hibernate for ORM, and MySQL as the database.
- Implements validation with javax.validation and unit testing with JUnit 5.

Frontend Projects

Bus Ticket Reservation Platform with Angular

- Developed with Angular and TypeScript.
- Enables real-time ticket booking with routing, state management, and API integration for data display.

Android App with Data Management and Firebase Authentication

- Built with Java and XML.
- Integrates Firebase for user authentication and data management.

Android App with Advanced Real-Time Email Management

- Implements MVVM architecture, WebSocket, Retrofit, RxJava, and RoomDB for real-time email interactions.

Mobile Application for Intuitive Event Management

- Developed in Jetpack Compose and Kotlin.
- Provides a user-friendly interface for managing events and reminders.

Optimized Mobile Booking Application for a Seamless User Experience

- Built with Kotlin and Jetpack Compose.
- Focuses on smooth and intuitive booking experiences.

Degrees and Education

● [Dual Degree] Master 1 in Software Engineering and Master 1 in Management

Depuis 2024 [University of Montpellier](#) Montpellier, France

● Master 1 Big Data Analytics

De 2023 à 2024 [University of Science and Technology Houari Boumediene \(USTHB\)](#) Bab Ezzouar, AL, Algeria

● Bachelor's Degree in General Computer Science

De 2020 à 2023 [University of Science and Technology Houari Boumediene \(USTHB\)](#) Bab Ezzouar, AL, Algeria